TANKMASTER® T5 TANK CLEANING NOZZLES

TANKMASTER T5 CLEANING NOZZLES FEATURES AND BENEFITS

- High-impact 360-degree cleaning at low to medium pressures and volumes hydraulically driven by the flow of the cleaning liquid
- Simple and reliable, with no ball bearings, tank cleaners operate effectively in any position, vertical or horizontal
- A sealed gearbox design, and 45 tooth external gears that provide a thorough 360-degree cleaning pattern every 45 revolutions
- Long nozzles may also be added to the T-5 unit, providing additional reach and impingement cleaning when needed

Tankmaster tank cleaner with long nozzles



HI
HIGH IMPACT

SPRAY COVERAGE
360°



MOUNTING OPTIONS

Vertical	↑ ↓
Horizontal	← →
45° Up	↖ ↗
45° Down	↙ ↘

SPECIFICATIONS

Tank Cleaning Nozzle	Tankmaster T5
Max. tank diameter:	15 ft. (4.6 m)
Operating principle:	Fluid-driven Turbine
Flow rate:	12 to 40 gpm (45 to 151 lpm)
Operating pressure:	100 to 600 psi (3.4 to 41.4 bar)
Max. temperature:	190°F (88°C)
Materials:	Viton®, EPDM, PTFE, 316SS
Inlet connection:	1" NPT (F)
Optional accessories:	Strainers, recommended mesh size: 20 (840 micron) See Tank Cleaning catalog page G2

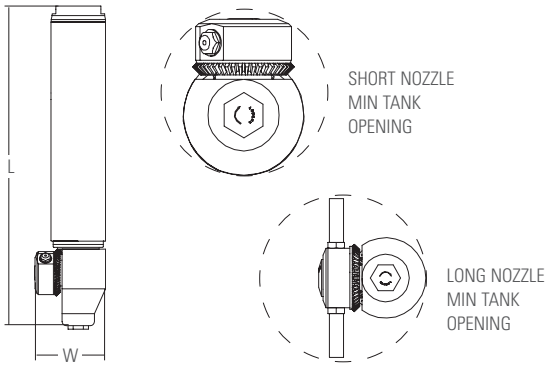
For lances, mounting kits, adapters and more, see page G6

IDEAL FOR CLEANING:

- Brewery tanks
- Chemical containers
- Chemical processing
- Drums and kegs
- Food processing tanks
- IBC tote cleaning
- Paint production
- Pharmaceutical tanks
- Wine barrels and vats

DIMENSIONS AND WEIGHTS

Tankmaster T5	L in. (mm)	W in. (mm)	Min. tank opening in. (mm)	Weight lbs. (kg)
Short nozzle	12.44 (316)	2.83 (72)	3 (76)	8.2 (3.7)
Long nozzle	12.44 (316)	2.83 (72)	4.4 (112)	8.2 (3.7)



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PERFORMANCE DATA

Model	Nozzle Type	Capacity Size	Orifice Plate	Liquid Flow Capacity gpm (lpm) at Liquid Inlet Pressure								
				100 psi (6.9 bar)	150 psi (10.3 bar)	200 psi (13.8 bar)	250 psi (17.2 bar)	300 psi (20.7 bar)	350 psi (24.1 bar)	400 psi (27.6 bar)	500 psi (34.5 bar)	600 psi (41.4 bar)
T5	Long	B (.165)	3 (.156)	--	12 (45)	13.6 (51)	15.2 (58)	16.6 (63)	17.9 (68)	19.2 (73)	21 (81)	24 (89)
	Short	D (.200)	5 (.172)	13.3 (50)	16.5 (62)	19 (72)	21 (80)	23 (88)	25 (95)	--	--	--
	Long	C (.187)	5 (.172)	13.8 (52)	17 (64)	19.8 (75)	22 (83)	24 (92)	26 (98)	--	--	--

CYCLE TIME DATA

Model T5		Cycle Time Min. at Liquid Flow Capacity, gpm (lpm)				
Orifice Plate Dia. in. (mm)	Nozzle Type	5.0 (18.9)	10.0 (38)	15.0 (57)	20 (76)	25 (95)
5 (0.172)	Long	35	16	10	7	5
	Short					
3 (0.156)	Short	31	13	8	5	--

ORDERING INFORMATION

TANKMASTER TANK CLEANING NOZZLE

Model	–	Nozzle Type	Nozzle Size	–	Gear Ratio	Rotor Type	Orifice Plate	–	Nozzle Body Gear Ratio	Input Shaft	Output Shaft	–	Bearing Material Code	O-ring Material
EXAMPLE														
T5	–	L	B	–	6	0	3	–	4	1	1	–	2	V

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